



Work Group

Complete eTendering Procedure

Past, Present, Future

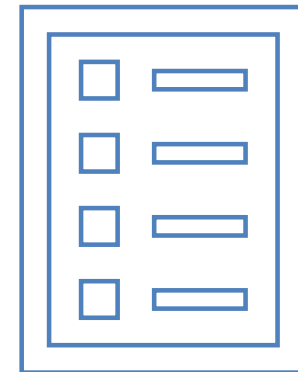
04/10/2022

Agenda

Agenda:

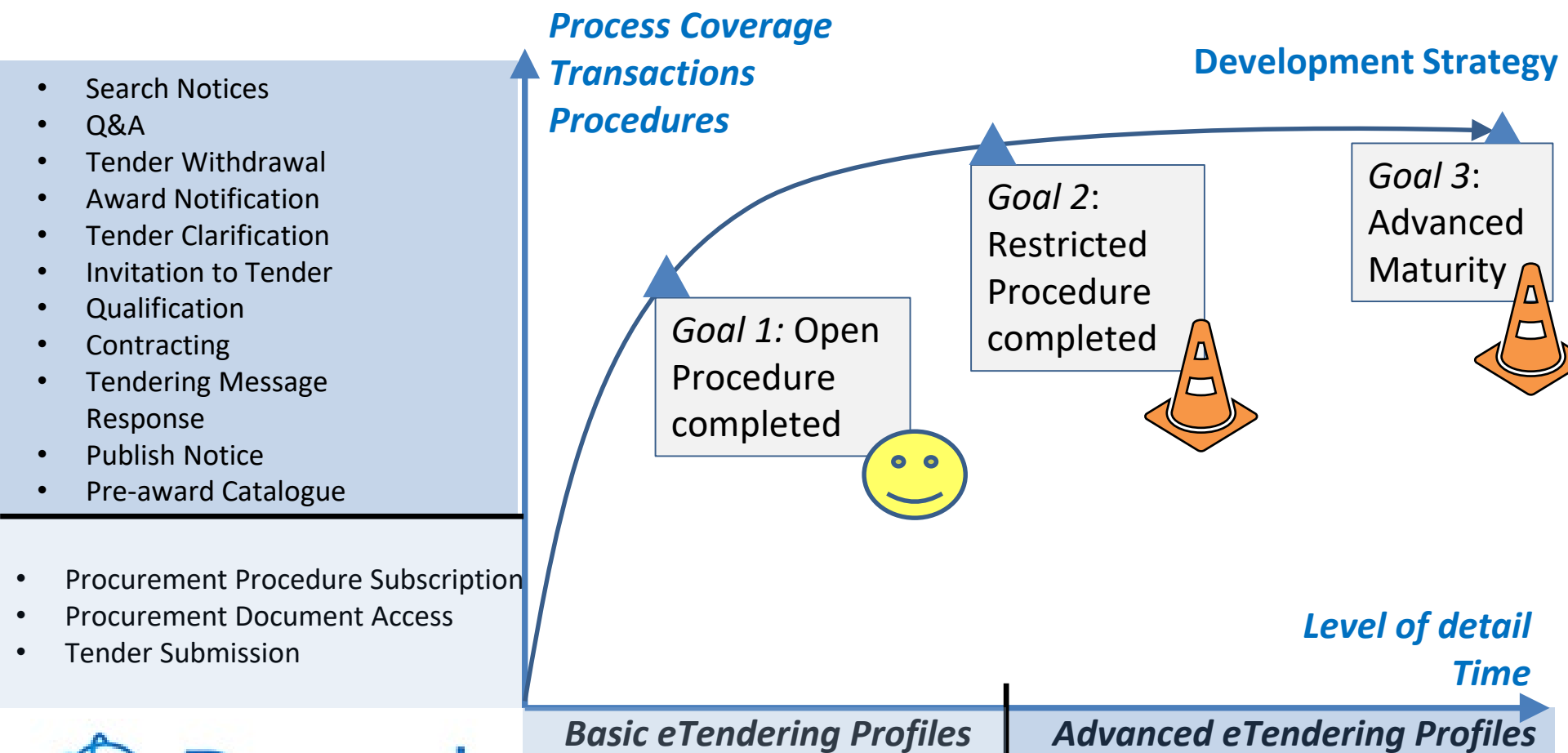
eTendering WG: Past, Present, Future

- Coverage of Open and Restricted Procedures
- Interfaces to eForms
- Interfaces to ESPD and eCatalogue
- Pre-Award eCatalogue
- Common issues with eTendering interfaces to eFORMS, ESPD and eCatalogue
- InterProc eTendering PoC
- Upcoming release and Outlook



Coverage of Open and Restricted Procedures

Roadmap for developing new eTendering BIS



Why do we need a full coverage of eTendering Procedures?

- PEPPOL Pre-Award BISs cannot be seen in isolations
 - e.g. Call for Tender -> Submit Tender -> Award Notification
- Piloting of early BIS (P001 – P003) illustrated that pre-award processes require to interconnect eTendering Platforms for the whole procedure. Thus, thinking in procurement procedures is key to pre-award interconnectivity.
 - Open Procedure
 - Restricted Procedure, Dynamic Purchasing System etc.
- Media breaks result in limited value of interconnectivity because users require to change the communication means and platform throughout the process. Typical Problems that occurred, e.g.
 - Submit Tender without possibility to withdraw the tendering
 - Questions about Call for Tender cannot be raised over PEPPOL



Profile Development

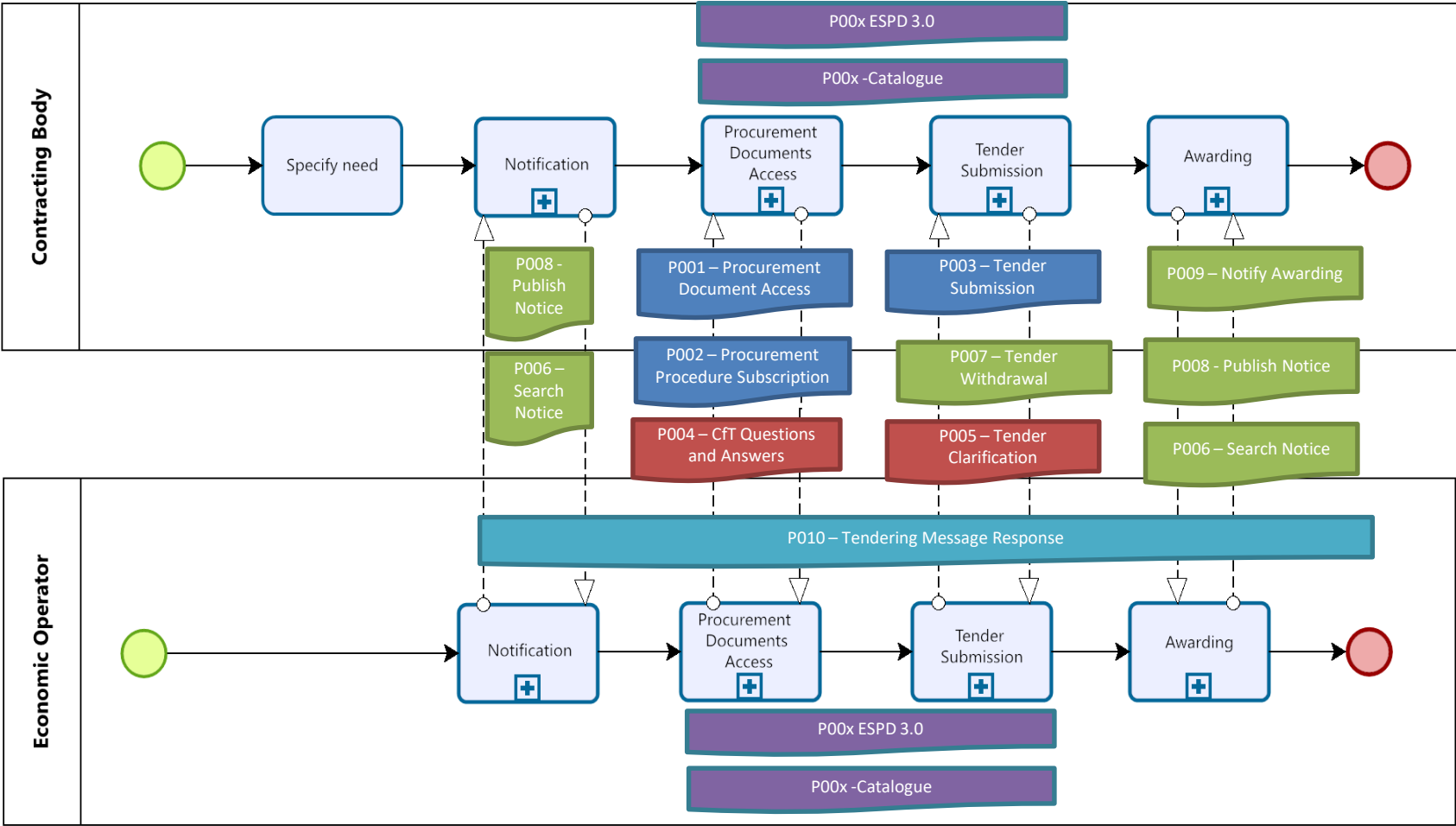
Baseline

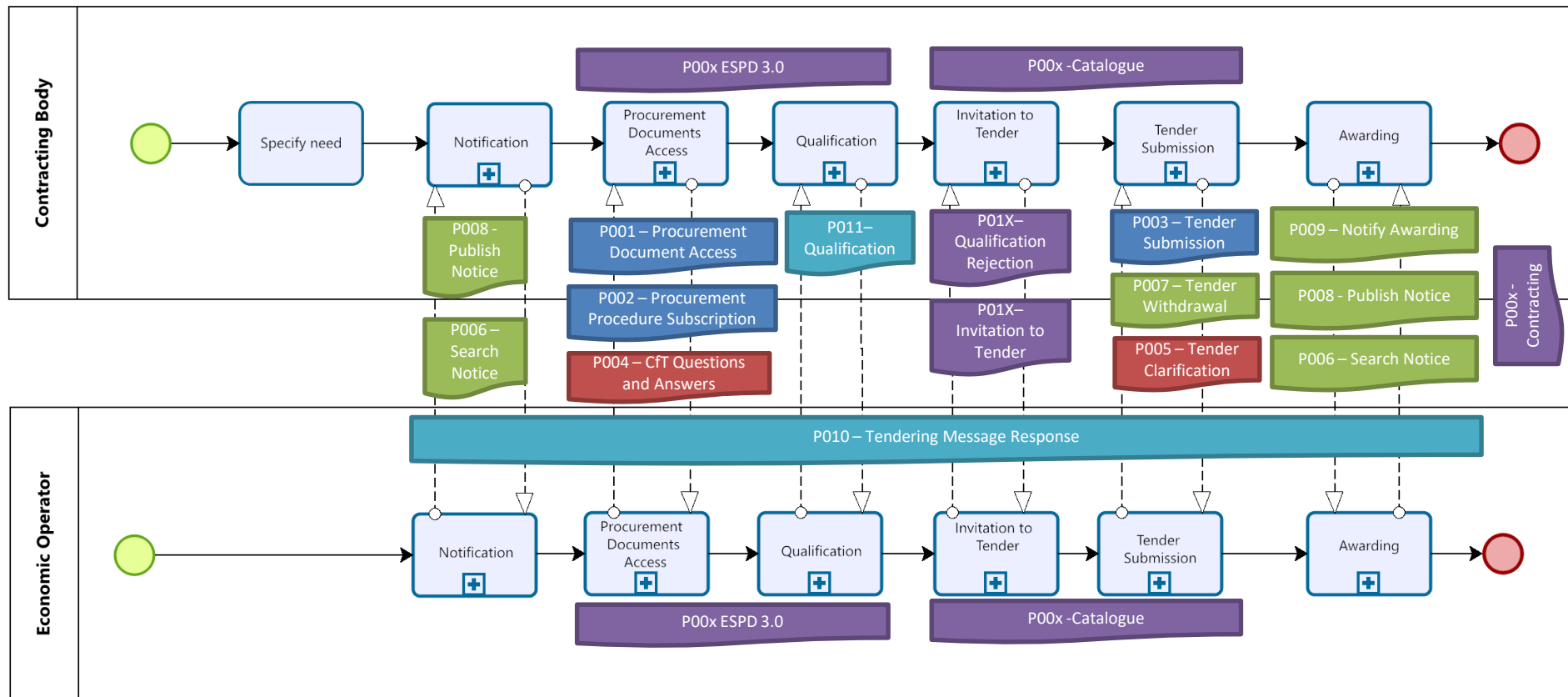
May 2021

November 2021

Planned for 2022

Planned for 2023





Current Pre-Award Specifications (Draft)

Home

Documentation

| |
|--|
| P001 - Procurement procedure subscription - 1.2 |
| T001 - Subscribe to Procedure |
| T002 - Subscribe to Procedure Confirmation |
| T021 - Unsubscribe from Procedure |
| T022 - Unsubscribe from Procedure Confirmation |
| P002 - Procurement document access - 1.1 |
| T003 - Tender Status Inquiry |
| T004 - Call for Tenders |
| P003 - Tender Submission - 1.1 |
| T005 - Tender |
| T006 - Tender Publication Notification |
| P004 - Call for Tenders Question and Answers - 1.1 |
| T007 - Tendering Questions |
| T008 - Tendering Answers |
| P005 - Tender Clarification - 1.1 |
| T009 - Tender Clarification Request |
| T010 - Tender Clarification |
| P006 - Search Notices - 1.1 |
| T011 - Search Notice Request |
| T012 - Search Notice Response |
| P007 - Tender Withdrawal - 1.1 |
| T013 - Tender Withdrawal |
| T014 - Tender Withdrawal Notification |
| P008 - Publish Notice - 1.1 |
| T015 - Publish Notice |
| T016 - Notice Publication Response |
| P009 - Notify Awarding - 1.1 |
| T017 - Awarding Notification |
| P010 - Tendering Message Response - 1.1 |
| T018 - Tendering Message Response |
| P011 - Qualification - 1.1 |
| T019 - Qualification |
| T020 - Qualification Reception Confirmation |
| Changelog |

Syntax

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|--|
| Syntax Mapping T001 - Expression Of Interest Request |
| Syntax Mapping T002 - Expression Of Interest Response |
| Syntax Mapping T021 - Unsubscribe From Procedure Request |
| Syntax Mapping T022 - Unsubscribe From Procedure Response |
| Syntax Mapping T003 - Tender Status Request |
| Syntax Mapping T004 - Call for Tenders |
| Syntax Mapping T005 - Tender |
| Syntax Mapping T006 - Tender Receipt |
| Syntax Mapping T007 - Tendering Questions |
| Syntax Mapping T008 - Tendering Answers |
| Syntax Mapping T009 - Tender Clarification Request |
| Syntax Mapping T010 - Tender Clarification |
| Syntax Mapping T011 - Search Notice Request |
| Syntax Mapping T012 - Search Notice Response |
| Syntax Mapping T013 - Tender Withdrawal |
| Syntax Mapping T014 - Tender Withdrawal Notification |
| Syntax Mapping T015 - Publish Notice |
| Syntax Mapping T016 - Notice Publication Response |
| Syntax Mapping T017 - Awarding Notification |
| Syntax Mapping T018 - Tendering Message Response |
| Syntax Mapping T019 - Qualification |
| Syntax Mapping T020 - Qualification Reception Confirmation |

Rules

| |
|-------------------|
| PEPPOL T001 rules |
| PEPPOL T002 rules |
| PEPPOL T021 rules |
| PEPPOL T022 rules |
| PEPPOL T003 rules |
| PEPPOL T004 rules |
| PEPPOL T005 rules |
| PEPPOL T006 rules |
| PEPPOL T007 rules |
| PEPPOL T008 rules |
| PEPPOL T009 rules |
| PEPPOL T010 rules |
| PEPPOL T011 rules |
| PEPPOL T012 rules |
| PEPPOL T013 rules |
| PEPPOL T014 rules |
| PEPPOL T015 rules |
| PEPPOL T016 rules |
| PEPPOL T017 rules |
| PEPPOL T018 rules |
| PEPPOL T019 rules |
| PEPPOL T020 rules |
| CENBII T004 rules |
| CENBII T005 rules |
| CENBII T006 rules |

Code lists

| |
|--|
| additionalConditionsCode |
| awardCode |
| contractTypeCode |
| documentStatusCode |
| documentTypeCode |
| Electronic Address Scheme (EAS) |
| ISO 6523 ICD list |
| Country codes (ISO 3166-1:Alpha2) |
| legalBasisCode |
| MessageResponseCode |
| NoticeResponseCode |
| procedureTypeCode |
| procurementTypeCode |
| publicationConditionCode |
| StatusReasonCode |
| StatusReasonCodeSubset |
| SubmissionMethodCode |
| Economic Operator Role Codes |
| UBLDocumentSchema |
| Document name code, full list (UNCL1001) |

Downloads

| |
|--|
| eDelivery Guide For Pre-award The eDelivery Guide for Pre-award |
| eDocuments Guide For Pre-award The eDocuments Guide for Pre-award |
| Peppol BIS pre-award guide for Registration and Open Procedure The Peppol BIS pre-award guide for Registration and Open Procedure |
| Schematron Rules |
| Code lists |

• Current Drafts available at <https://test-docs.peppol.eu/pracc/2022-q2/>

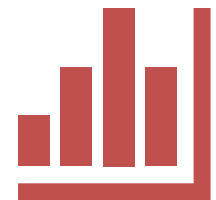
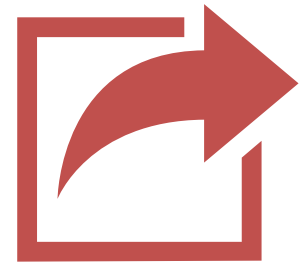
• Published version available at <https://docs.peppol.eu/pracc/>

UCL Complete Tendering Procedure
WG

Interfaces to eForms

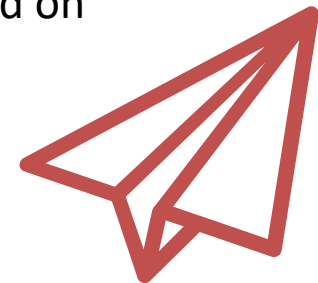
eForms, Notification and eTendering

- eForms are an EU legislative open standard for publishing public procurement data. They are standard forms used by public buyers to publish notices established under Commission Implementing Regulation (EU) 2019/1780
- eForms are at the core of the digital transformation of public procurement in the EU. Through the use of a common standard and terminology, they can significantly improve the quality and analysis of data.
- Well-implemented eForms will increase the ability of businesses and other organisations to find procurement notices, to find new business opportunities which in turn can increase number of tenders for contracting authorities.
- Notifications must be distributed or propagated among eTendering platforms in order to interconnect them.
- Exchange of notification information must deliver appropriate information (e.g. endpointID, procurmenet procedure ID, ...) to continue the PEPPOL eTendering process
- Suppliers will express their interest on the basis of Notifications



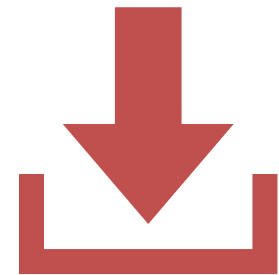
PEPPOL BIS P008 - Publish Notice

- The PEPPOL BIS will first and foremost cater for publishing notices
- Notices may be published on one or more notice databases (regional, national, European)
- Several EU member states are in the process of establishing national notice databases based on eForms
 - National databases contain all notices published within that specific member state, both below and above EU threshold
 - the TED database mainly contains above EU-threshold notices.
- The Publish Notice BIS provides a de facto starting point of eTendering.
- In order to perform the remaining steps of the tendering procedure using the Peppol infrastructure, notices must also be packaged in such a way that they can be searched for and transmitted using the Peppol infrastructure.
- The payload and content model of the transactions is based on the eForms standard.



PEPPOL BIS P006 - Search Notice

- The Profile P006 - "Search Notice" supports a process by which a notification platform can be searched along a set of parameters to find any relevant notices on a query with relation to its metadata required by the further processing of PEPPOL eTendering profiles. The key aspects covered by this BIS are:
 - The search and retrieval of all relevant notices available from a publisher.
 - The retrieval of the notice(s) in xml based on eForms.
 - The association of notice metadata facilitating PEPPOL eTendering processes such as P001 - Procurement Procedure Subscription.
- The payload and content model of the transactions is based on the eForms standard.



Key Examples

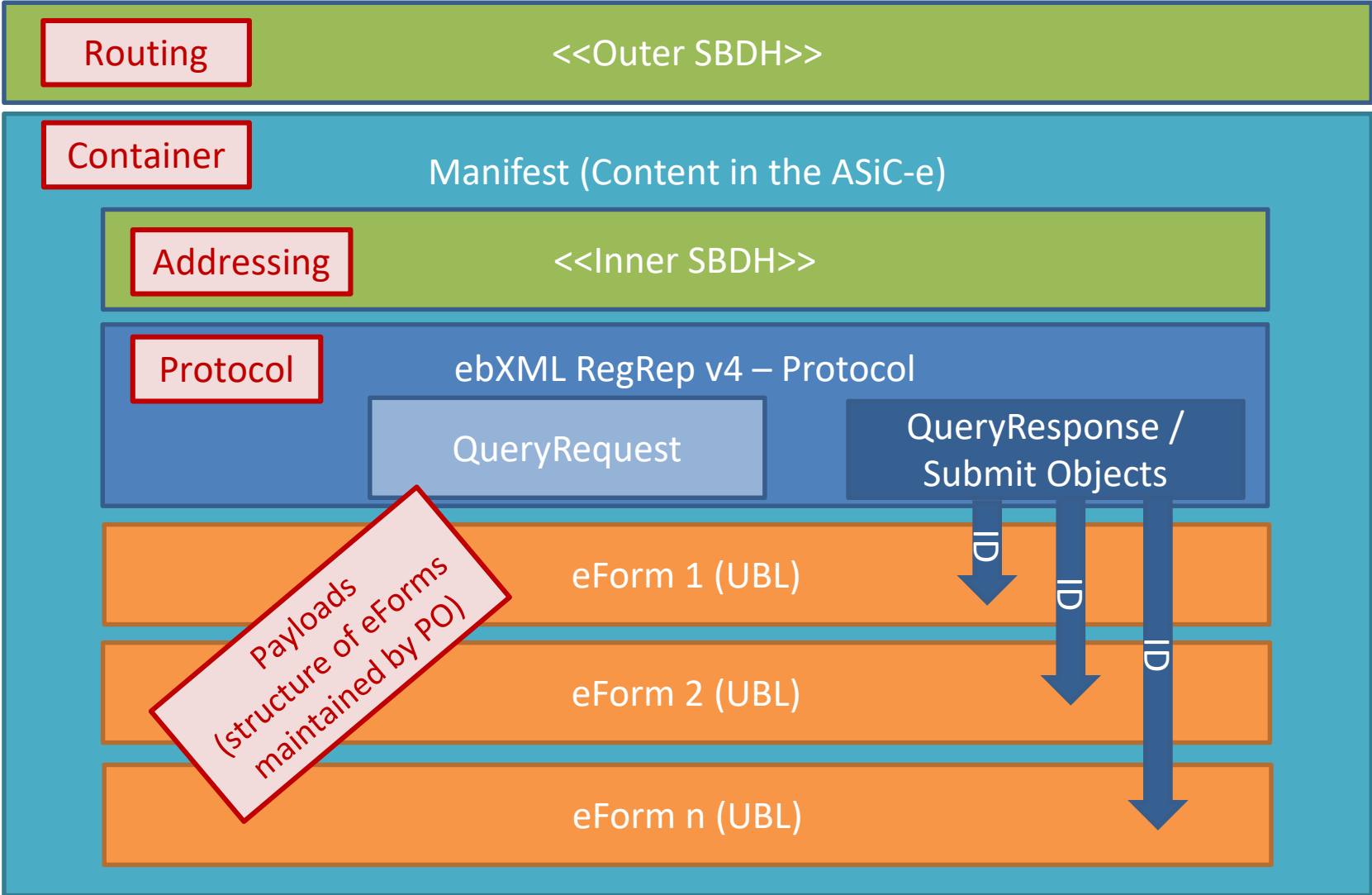
Example 1

A tendering system is connected to a notice platform disseminating published notices via an agreed interface. Every night the tendering system sends a search request to the notices platform. The search request states the criteria for interesting business opportunities. The search on the platform results in several notices. The notice platform answers the search request by sending the matching notices to the tendering system. The tendering system informs all economic operators using his system about the interesting business opportunities.

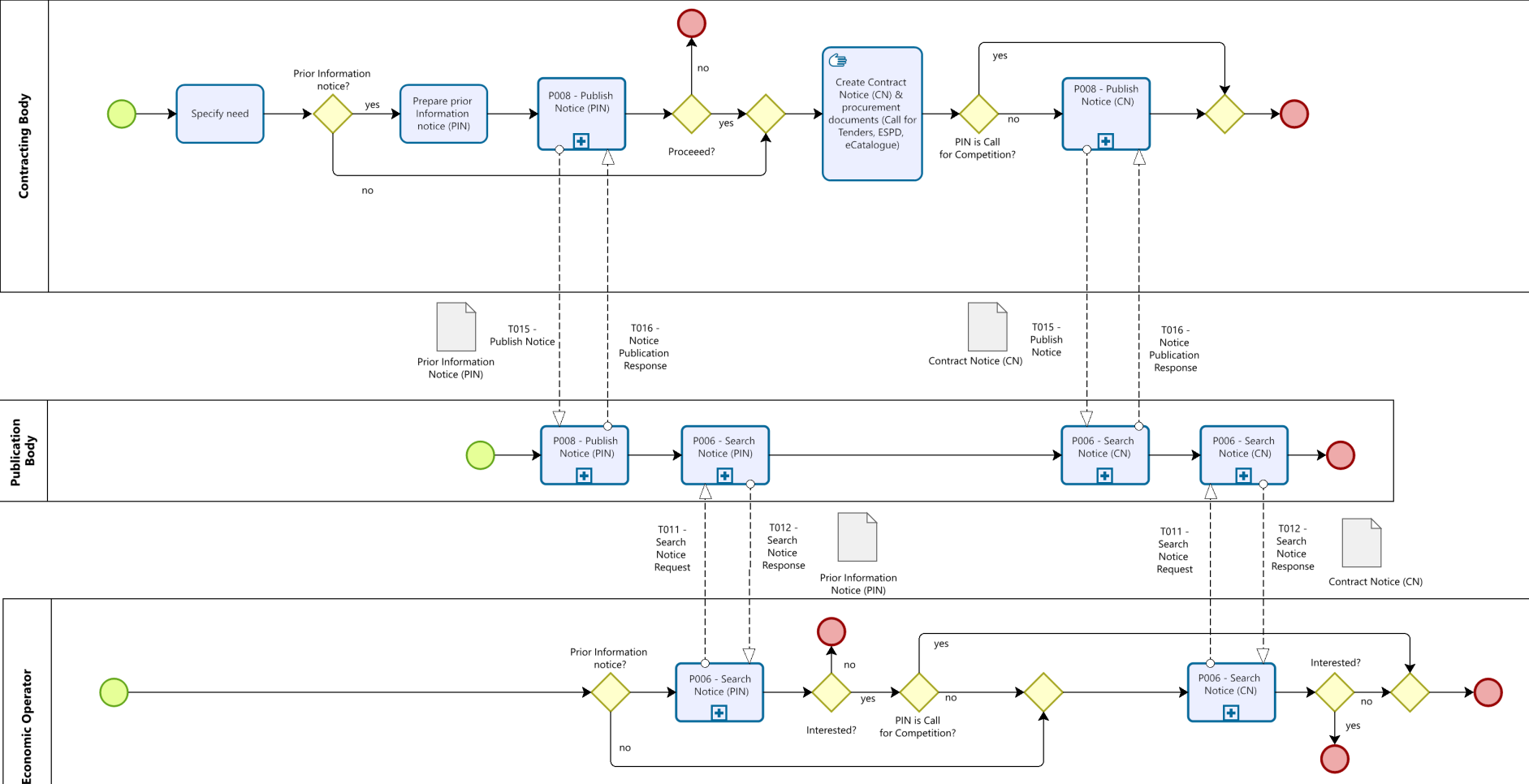
Example 2

A broker offers economic operators information about interesting business opportunities. The economic operators create defines business opportunities of interest. The broker uses the Search Notice profile to search for interesting business opportunities on several platforms disseminating published notices. The platforms return the notices to the broker, who provides the economic operators with the relevant notices and thus information on business opportunities.

Use of eForms and ebXML RegRep v4 for Search Notice and Publish Notice



Interfaces to Notifications

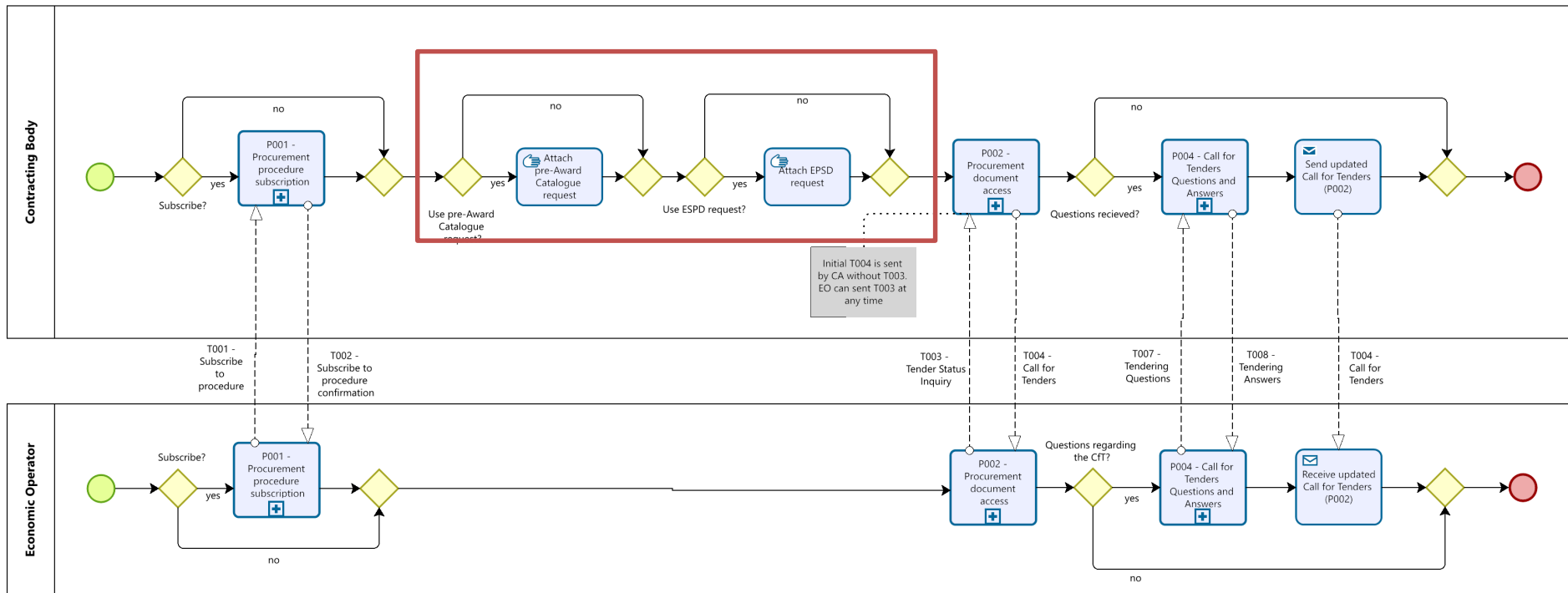


Interfaces to ESPD and eCatalogue

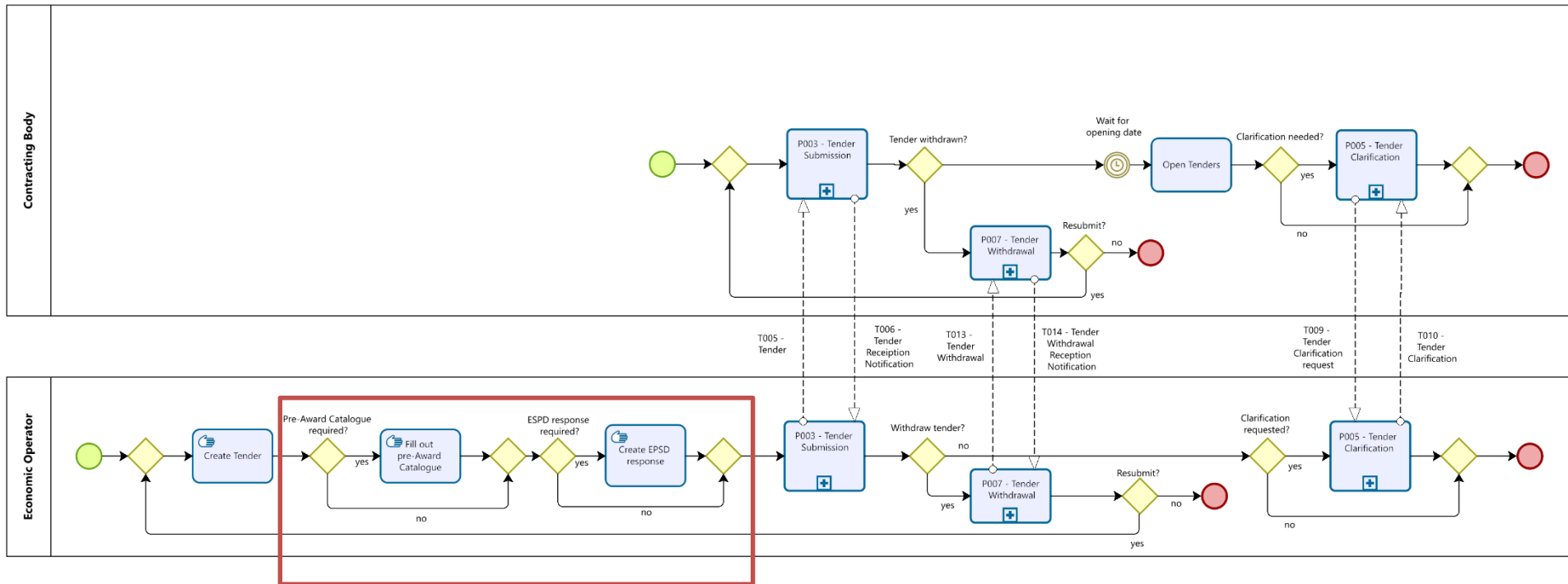
Associations between eTendering, ESPD and eCatalogue

- ESPD and eCatalogues are used at different times, depending on the procurement procedures
- They use common standards and terminologies and can significantly improve the quality and analysis of data within the key processes of eTendering
- ESPD and eCatalogue are typically associated to key processes and documents of eTendering, e.g.
- Open Procedures
 - A T004 - Call for Tender containing an attached ESPD Request or Catalogue Request
 - A T005 - Tender containing an attached ESPD Response or Catalogue Response
- Restricted Procedures
 - A T004 - Call for Tender containing an attached ESPD Request
 - A T019 - Qualification containing an attached ESPD Response
 - A T0XX - Invitation to Tender containing a Catalogue Request
 - A T005 - Tender containing a Catalogue Response

Example Open Procedure: ESPD and eCatalogue in T004 – Call for Tender



Example Open Procedure: ESPD and eCatalogue in T005 - Tender



PEPPOL BIS ESPD 3.0

Next Presentation

Pre-Award Catalogue

PEPPOL BIS eCatalogue

Pre-Award Catalogue request - Overview

- The Pre-Award Catalogue request specification shall describe how a Pre-Award Catalogue can be requested by a contracting authority. The Pre-Award Catalogue request is then responded by the Economic Operator with a filled Pre-Award Catalogue.
- Goals:
 - Enabling contracting authorities to define procurement needs and requirements in a clearly defined catalogue structure.
 - Easier creation and evaluation of Tenders.
 - Higher level of information reusability of for all included parties.
 - Clearer transition from Pre-Award to Post-Award
- This Specifications are supposed to fill the gap in the current Pre-Award Catalogue specification, where only the filled Catalogue is present as a draft.
- The provided Specification is based on the EHF Pre-Award Catalogue specification and the PEPPOL draft specification, with some modifications to resemble.
 - [https://anskaffelser.dev/preaward/g2/spec/draft/Pre-Award_Catalogue /](https://anskaffelser.dev/preaward/g2/spec/draft/Pre-Award_Catalogue/)

PEPPOL BIS eCatalogue

Pre-Award Catalogue request – Current issues

- The previous draft was restructured:
 - Separate documentations for request and response (praC & praR)
 - Updated Codelists and Rules
 - Draft documentation available at: https://test-docs.peppol.eu/pracc/Pre-Award_Catalogue/
- Pre-Award Catalogue request needs a new customization ID
- New structure of profile and customization IDs should be implemented
 - Old Structure:
 - urn:www.cenbii.eu:transaction:biitrdm068:ver3.0:extended:urn:www.peppol.eu:bis:peppol35a:ver1.0
 - urn:www.cenbii.eu:profile:bii35:ver3.0
 - New Structure:
 - <cbc:CustomizationID>urn:fdc:peppol.eu:prac:trns:t005:1.1</cbc:CustomizationID>
 - <cbc:ProfileID>urn:fdc:peppol.eu:prac:bis:p003:1.1</cbc:ProfileID>

Common issues with eTendering interfaces to eFORMS, ESPD and eCatalogue

Common issues with eTendering interfaces to eFORMS, ESPD and eCatalogue

- Whereas mostly all PEPPOL transactions must be conformant to a single BIS, in eTendering different BISs are aggregated to a single transactions
- It is not yet well-defined how to state conformance of an aggregated PEPPOL document (attached ESPD, eFORMS or eCatalogue document)
 - Basic methodology to classify the document exist
 - Method does not comprise information about the format, version etc. of the document
- Especially in eForms there might be different subsets due to national tailoring. Currently we assume that receivers of notices in eForms are able to deal with it but we do not have a guarantee for that
 - Black Box approach adopted for Search Notice
 - Trial and Error approach adopted for Publish Notice
- For the ESPD and eCatalogue BIS documents are developed and we are point to them precisely (document type, format and version).

InterProc eTendering PoC

InterProc Project

INTERPROC

- CEF Project
- The purpose of INTERPROC is to support interoperable use of structured information throughout the whole procurement process.



Project Scope and Objectives

Increase the amount of accessible and structured information, to support transparency and cross-border procurement below threshold.



eForms

Enable reuse of already existing data;
Generate more effective workflows;
Make policy data more accessible;
Automate processes;
Simplify implementation in the tendering systems.



Contract Register

Provide reliable eProcurement data to support public procurement policy and other areas such as environment, innovation and SMEs.



ESPD

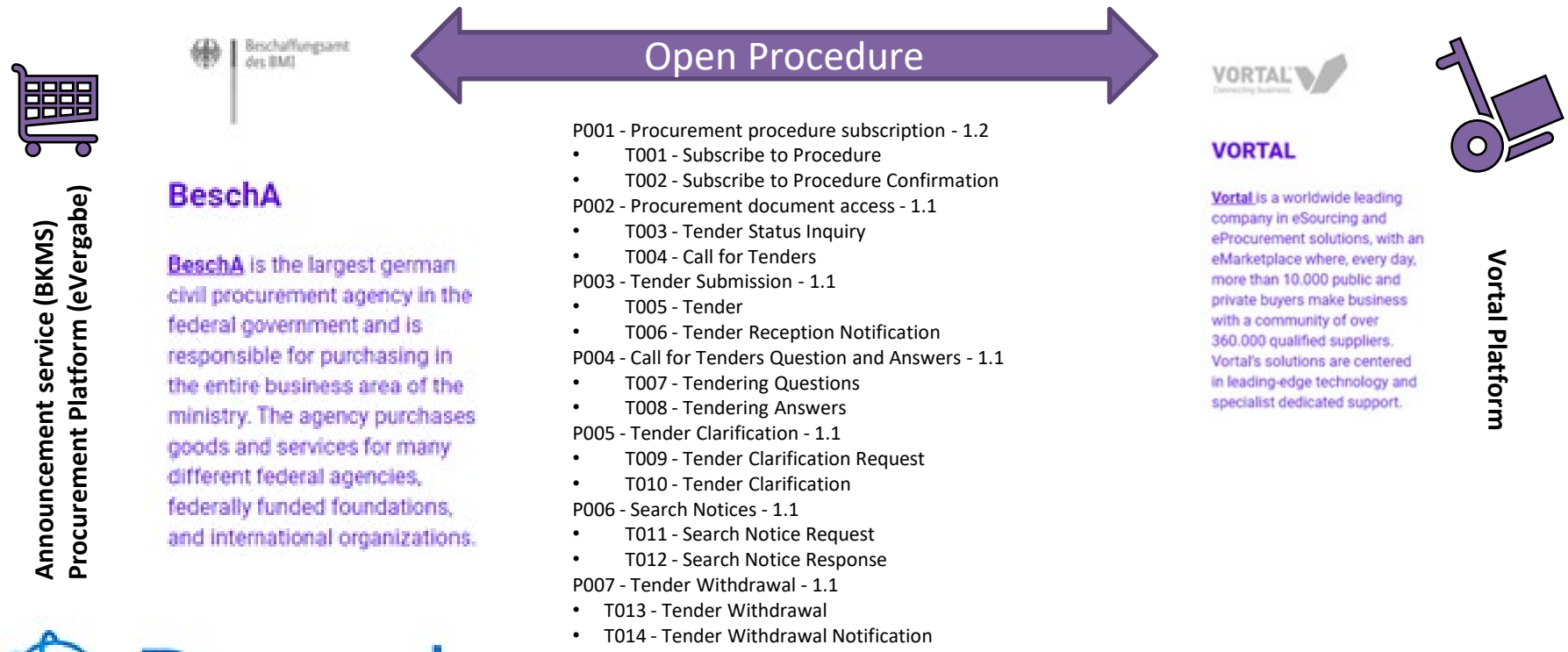
Control evidences without consuming so much time, thanks to updated certified resources;
Interconnect different national databases and the eCertis database, to facilitate the interoperability of services;
Boost standardized ESPD-Implementations cross border in Europe;
Enable reuse of business information;
Increase the use of automated processes towards eCertis and National Registers;
Reuse responses, with no need to submit new evidence to the Contracting Authorities.



eTendering

Bring public opportunities closer to SMEs, regardless of the country where Contracting Authorities are based;
Achieve interoperability, in terms of standardized specifications (BIS), implementation of additional profiles (Search Notice, Call for Tender Questions and Answers, Tender Withdrawal and Tender Clarification).

BeschA and Vortal, supported by UKL, will develop, implement and put in production additional pre-award PEPPOL BIS to approve the PEPPOL eTendering Architecture and increase interoperability in the area of eTendering.



Upcoming release and Outlook

Where to find the specifications?

- Current Peppol specifications: <https://docs.peppol.eu/pracc/>
- Code: <https://github.com/OpenPEPPOL/pracc>
- Issues: <https://github.com/Beschaffungsamt/pracc-esens/issues>
- Work in progress – Review of new BISs:
 - <https://test-docs.peppol.eu/pracc/2022-q2/>
- Work in progress – eCatalogue
 - https://test-docs.peppol.eu/pracc/Pre-Award_Catalogue/



PEPPOL BISs and guidelines scheduled for next release

WG will submit the following updates, guidelines and new BIS to PEPPOL CMB to be bundled into PEPPOL release

- P001 - Procurement procedure subscription - 1.2 (few updates)
 - T001 - Subscribe to Procedure (few updates)
 - T002 - Subscribe to Procedure Confirmation (few updates)
 - T021 - Unsubscribe from Procedure (new transaction)
 - T022 - Unsubscribe from Procedure Confirmation (new transaction)
- P008 - Publish Notice - 1.2
 - T015 - Publish Notice (Minor changes – new Element “Preferred Publication Date”)
- P010 - Tendering Message Response - 1.2 (new BIS)
 - T018 - Tendering Message Response
- P011 - Tenderer Qualification - 1.2 (new BIS)
 - T019 - Qualification
 - T020 - Qualification Reception Confirmation
- eDelivery Guide For Pre-award (Maintenance and Bug Fixing)
- eDocuments Guide For Pre-award (Maintenance and Bug Fixing)
- Peppol BIS pre-award guide - Notification and Open Procedure (New guideline)

Possibility to provide comments during the public PEPPOL Review

Involve CMB and prepare next Pre-Award release

PEPPOL BIS and guidelines under development and planned

- Under Development
 - Pre-Award Catalogue
 - Draft available at https://test-docs.peppol.eu/pracc/Pre-Award_Catalogue/
 - Qualification Rejection
- Work plan: BISs and Guidelines
 - Invitation to Tender
 - Qualification Rejection
 - Guideline for Restricted Procedure
 - Contracting



Works surrounding the WG

Overall goal: Increase the understanding and control of the PEPPOL Pre-Award Architecture

- Provide stronger interfaces among Pre-Award BISs in eTendering, ESPD and eCatalogue. Currently they are distributed and developed in silos with weak interfaces
 - Content-wise
 - Structural
- Integrative view on all documents in the Pre-Award
 - Orchestration of Pre-Award BISs
 - Procedure guidelines or formalized Procedure BISs as an entry point to pre-award
- Improvement and simplification of document structures in the pre-award
 - Current BISs are developed on legacy ASCI Doc BIS structures
 - Adopt new ASCI Doc BIS structures
 - Central maintenance of recurring elements
 - Reduce repetitive content
 - Make Pre-Award BIS straighter to the point
 - Improved understanding of principle eDocument and eDelivery guidelines
- Versioning and Release Management
- Alignment with Best Practices and Methods of PEPPOL Post-Award
- Clarify the understanding of Trust and Agreement Architecture for Pre-Award

AOB? Questions?

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The Big Picture of PEPPOL Pre-Award

Open Discussion along key questions

04/10/2022

Open Discussion – Top 1

**Interplay between eTendering, ESPD,
eForms, eCatalogue**

Open Discussion – Top 2

**Pre-Award as key for data driven
procurement**

Open Discussion – Top 3

**Imposing PEPPOL Pre-Award without
appropriate legal frameworks**

Open Discussion – Top 4

PEPPOL Pre-Award and CEN TC 440 (Electronic Public Procurement)

Open Discussion – Top 5

Short, Medium and Long Term goals of PEPPOL Pre-Award